



## Conductivity Sensor Assembly, Cell Constant 10.0, Polypropylene

**Product #:** 3433E8B  
**ZAR Price:** Contact Hach  
**Call for ship date**

Nominal Cell Constant (K) = 10.0, 3/4 inch male NPT threaded PPS body, Polypropylene Junction Box with 3/4" NPT Conduit Connection - Requires 1W1100 Interconnect Cable, Graphite Electrode

### High Performance Design

These enhanced performance sensors are manufactured to exacting tolerances using high quality, rugged materials for demanding applications including ultra-pure water, clean-in-place (CIP), and boiler/condensate monitoring. Each sensor is tested to determine its unique, absolute four-digit cell constant. Also, each sensor has a Pt 1000 RTD temperature element built into its tip for exceptionally fast response to changes in temperature with  $\pm 0.1^{\circ}\text{C}$  accuracy.

### Resistivity and Conductivity Measurement Capability

These enhanced performance sensors measure from theoretically pure water ( $0.057\ \mu\text{S}/\text{cm}$  or  $18.2\ \text{M}\Omega$ ) up to  $200,000\ \mu\text{S}/\text{cm}$ . Hach's sc Digital Controllers accept multiple digital sensor inputs, and can be user-set to measure conductivity, resistivity, TDS, salinity, or one of six calculated measurements.

### Versatile Mounting Styles

Non-metallic general purpose sensors—Have graphite

electrodes and 3/4-inch male NPT threaded PPS bodies. These sensors can be mounted into a standard 3/4-inch pipe tee, 1-1/2-inch Hach union hardware, or fastened onto the end of a pipe.

### Full-Featured “Plug and Play” Hach sc Digital Controllers

There are no complicated wiring or set up procedures with any Hach sc controller. Just plug in any combination of Hach digital sensors and it's ready to use—it's “plug and play.”

---

## Specifications

Cable Length:	6 m
Cell constant k:	$10\ \text{cm}^{-1}$
Digital Gateway:	Polypropylene with 3/4" NPT conduit connection
Electrode Material:	Graphite
Installation style:	General purpose
Junction box:	Polypropylen
Measuring range:	0 - 200000 $\mu\text{S}/\text{cm}$
Sensor Type :	Analog
Warranty:	12 months
What's included?:	Includes: sensor with 6 m (20 ft) cable and manual

---

## What's included?

Includes: sensor with 6 m (20 ft) cable and manual

---

## Required Accessories

- SC4500 Controller, Prognosys, 5x mA Output, 2 digital Sensors, 100-240 VAC, US plug (Item LXV525.99E11551)
- SC4500 Controller, Prognosys, 5x mA Output, 2 digital Sensors, 100-240 VAC, without power cord (Item LXV525.99A11551)
- SC4500 Controller, Prognosys, 5x mA Output, 1 digital Sensor, 100-240 VAC, without power cord (Item LXV525.99A11501)
- SC4500 Controller, Prognosys, 5x mA Output, 2 digital Sensors, 24 VDC, without plug (Item LXV525.99Z11551)